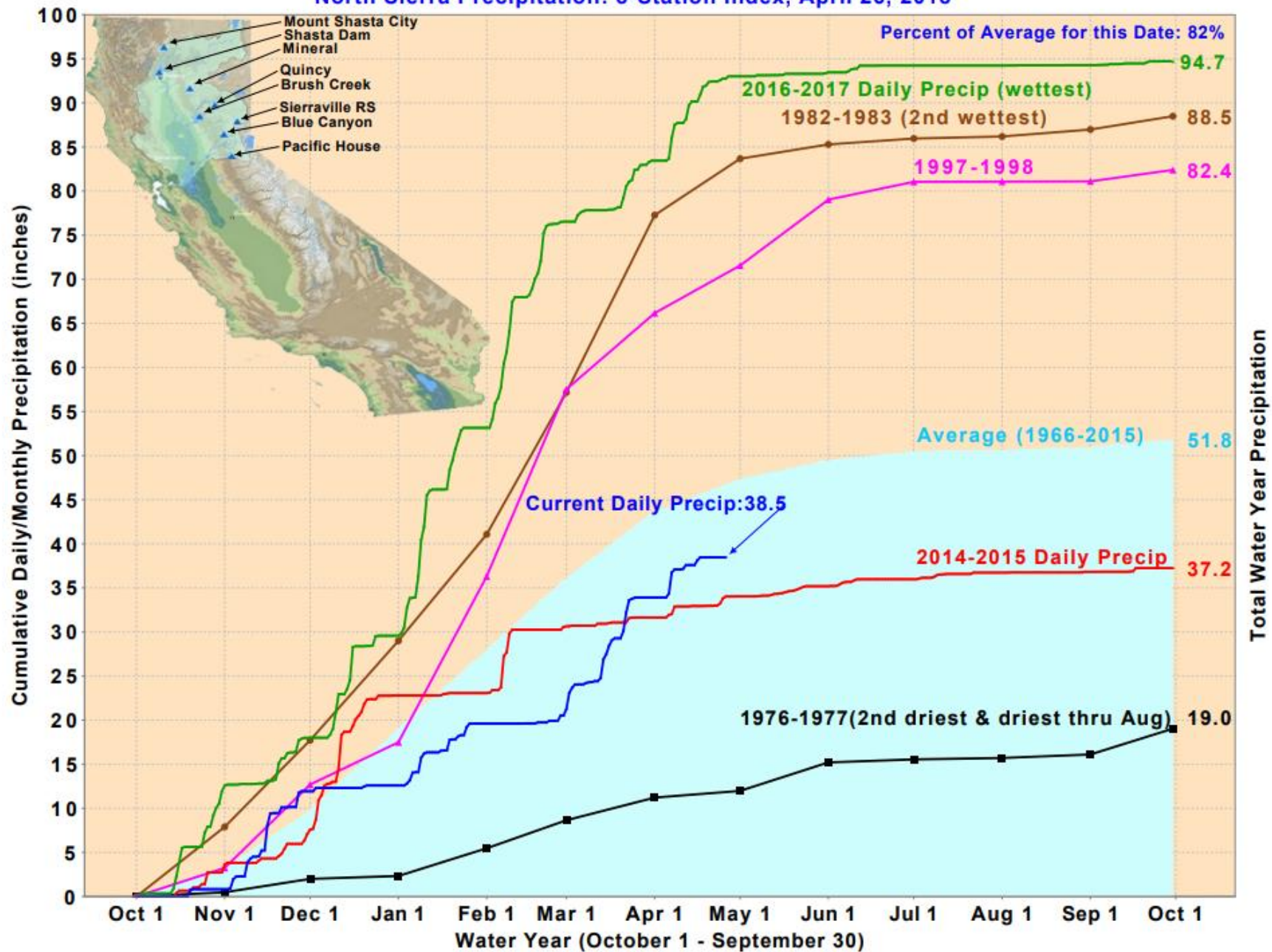


HYDROLOGY UPDATE FOR THE BAY-DELTA WATERSHED

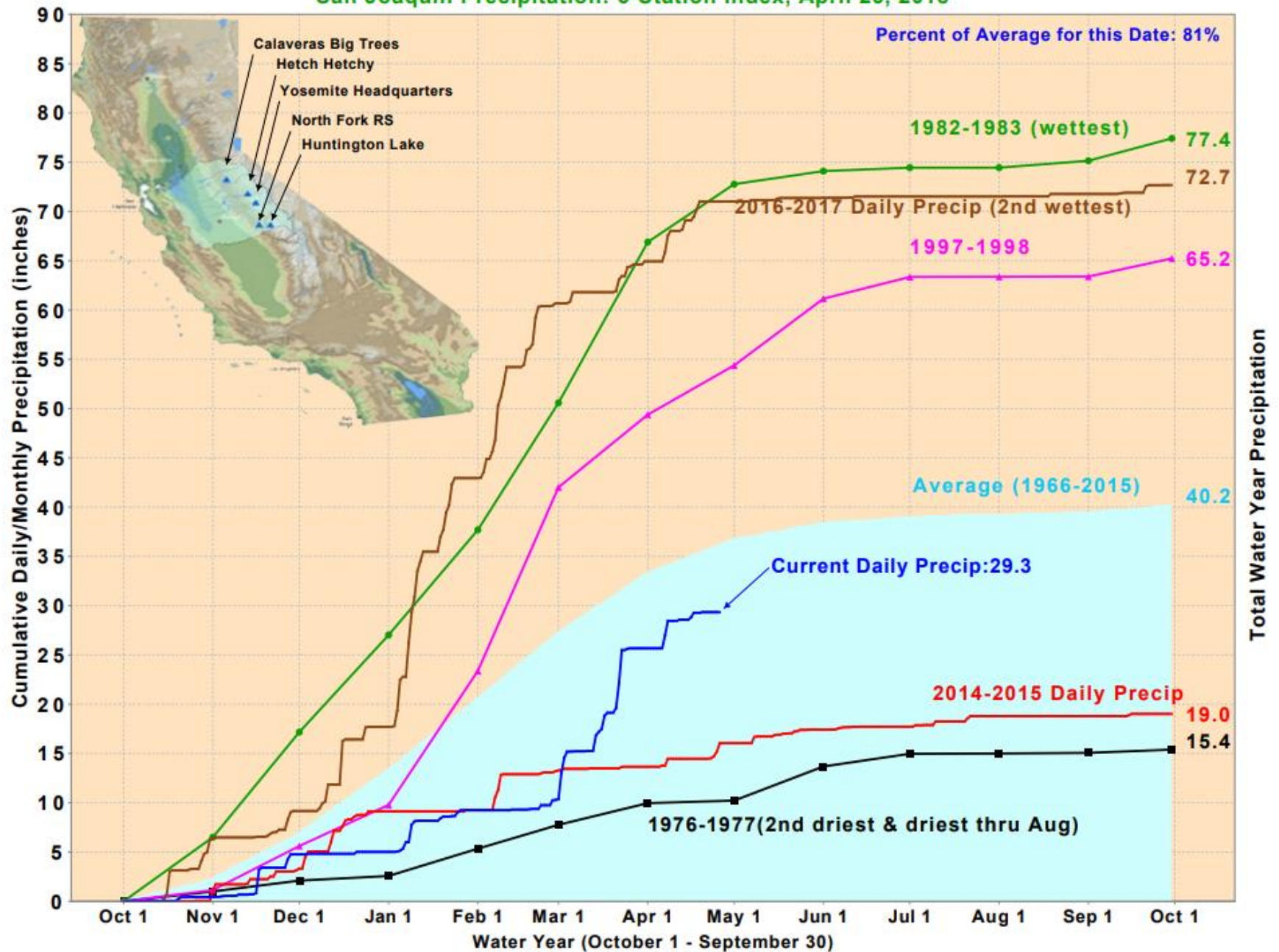


MAY 1, 2018 – ITEM #5

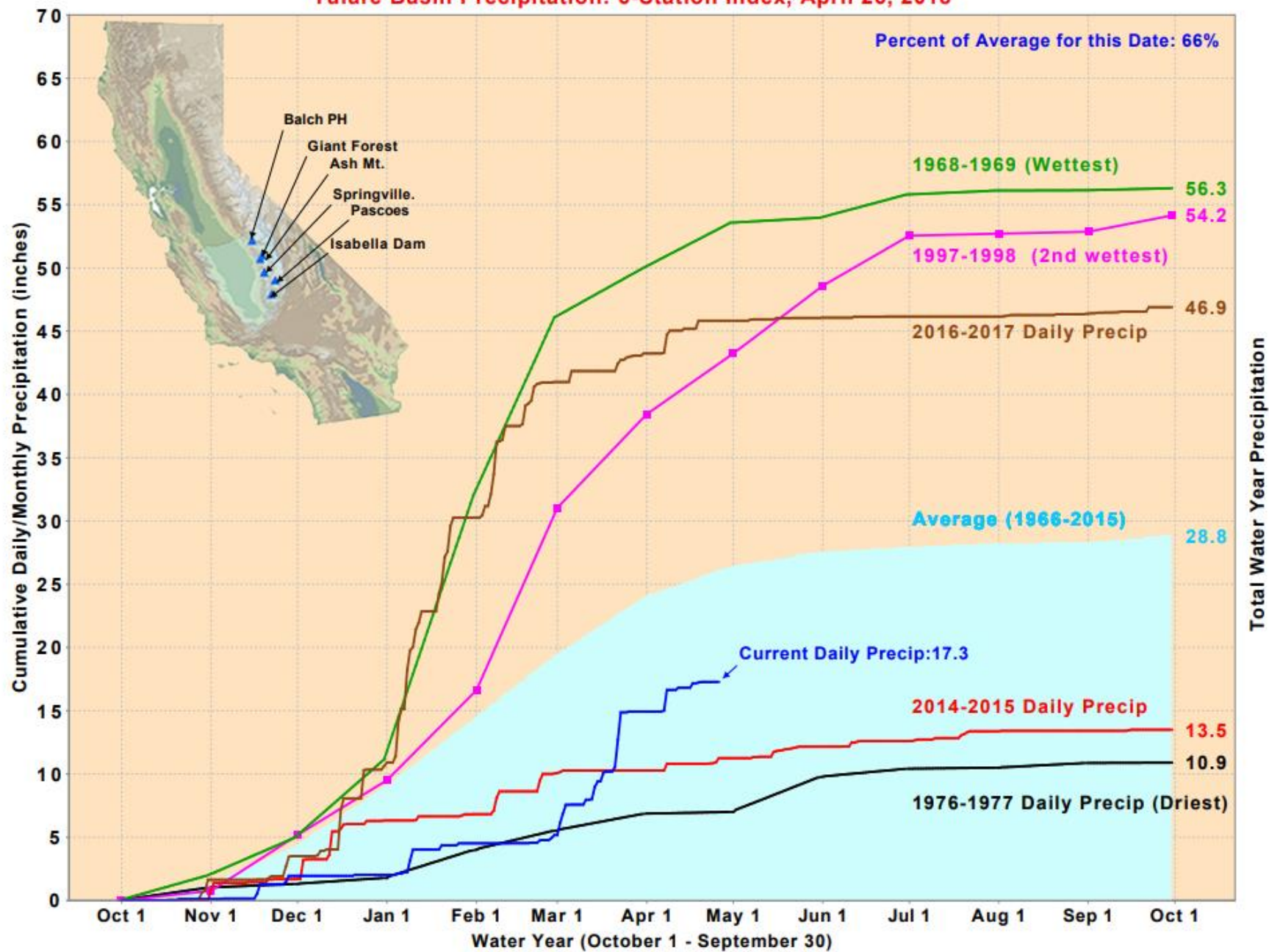
North Sierra Precipitation: 8-Station Index, April 26, 2018



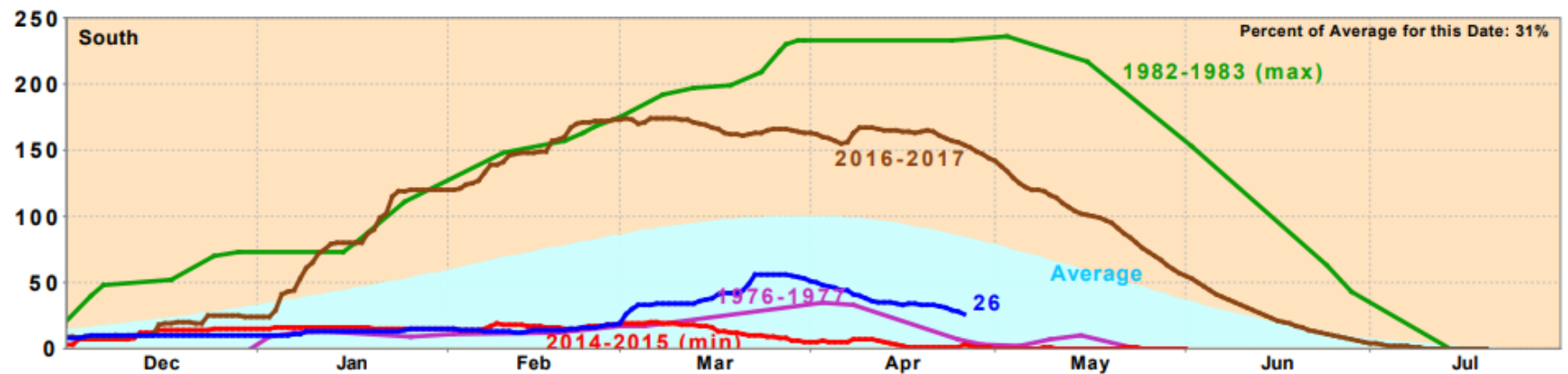
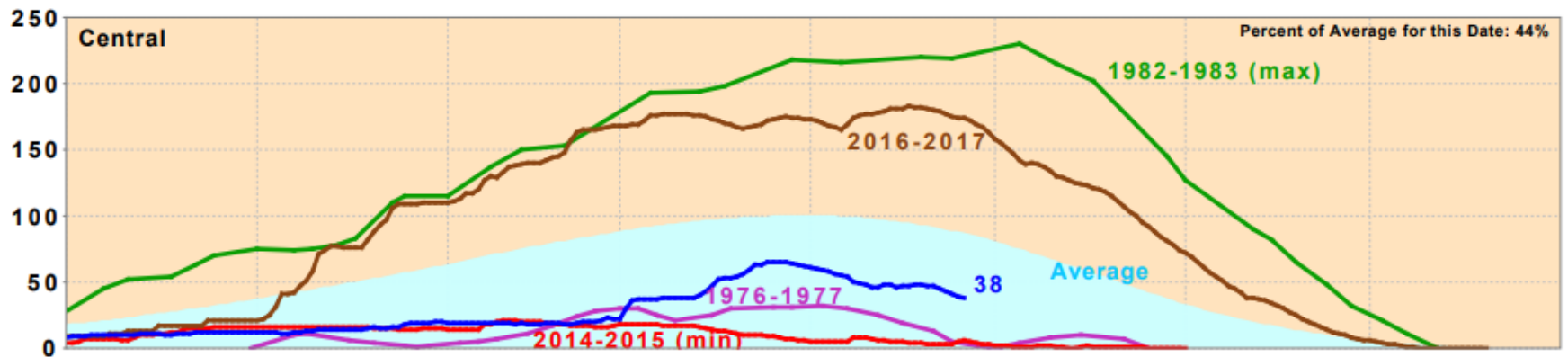
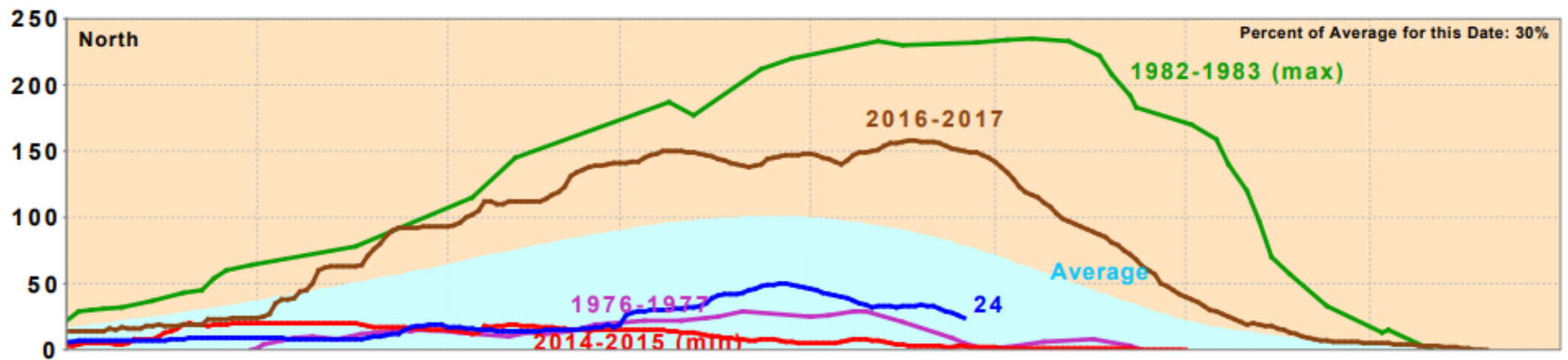
San Joaquin Precipitation: 5-Station Index, April 26, 2018



Tulare Basin Precipitation: 6-Station Index, April 26, 2018



California Snow Water Content, April 26, 2018, Percent of April 1 Average



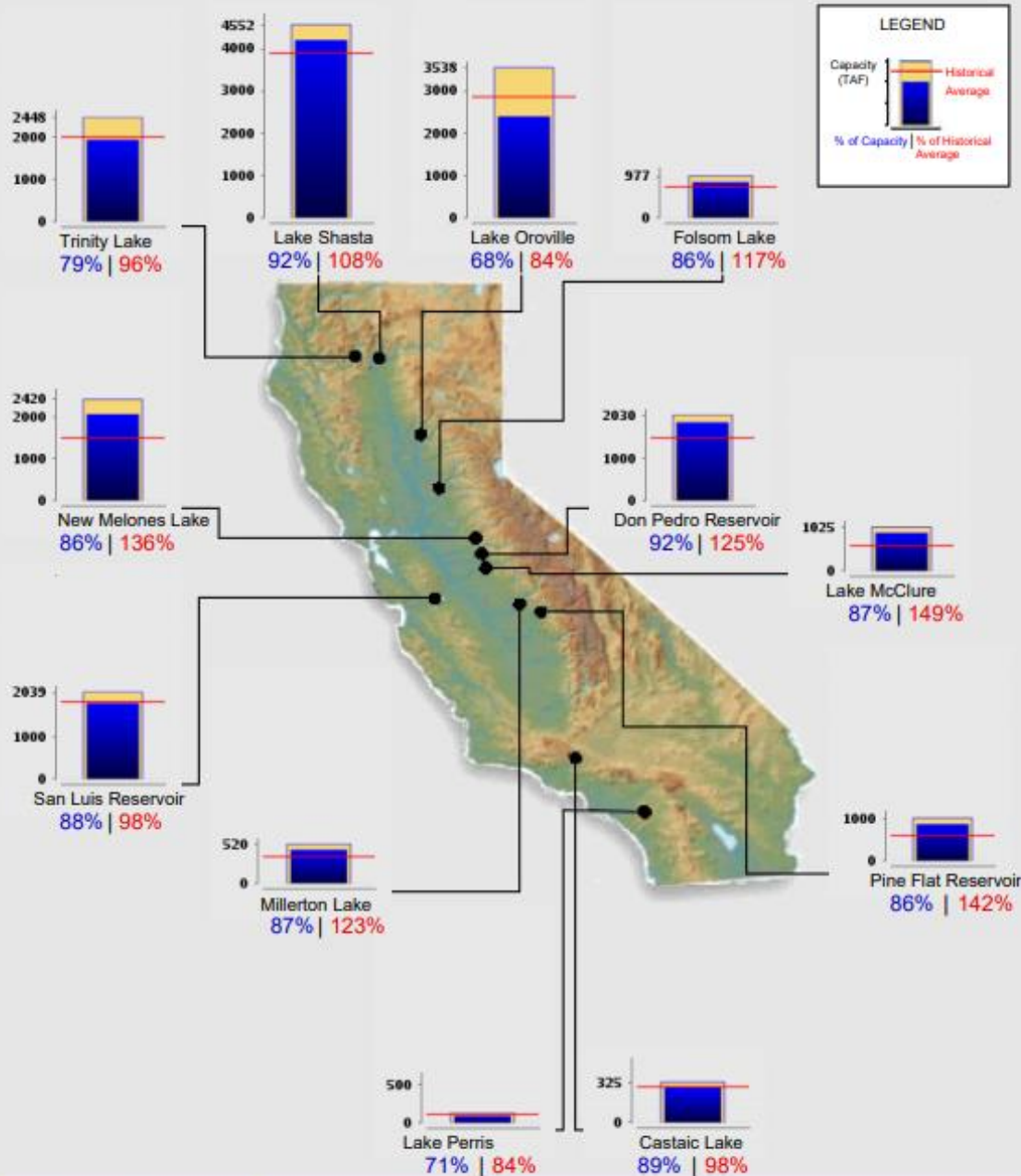
Statewide Percent of April 1: 31%

Statewide Percent of Average for Date: 37%

May 1, 2018

Slide No. 5

CURRENT RESERVOIR CONDITIONS



Graph Updated 04/27/2018 07:15 AM

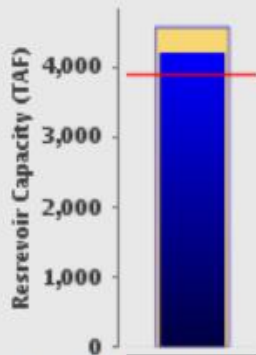


Reservoir Conditions - Lake Shasta



Lake Shasta Conditions

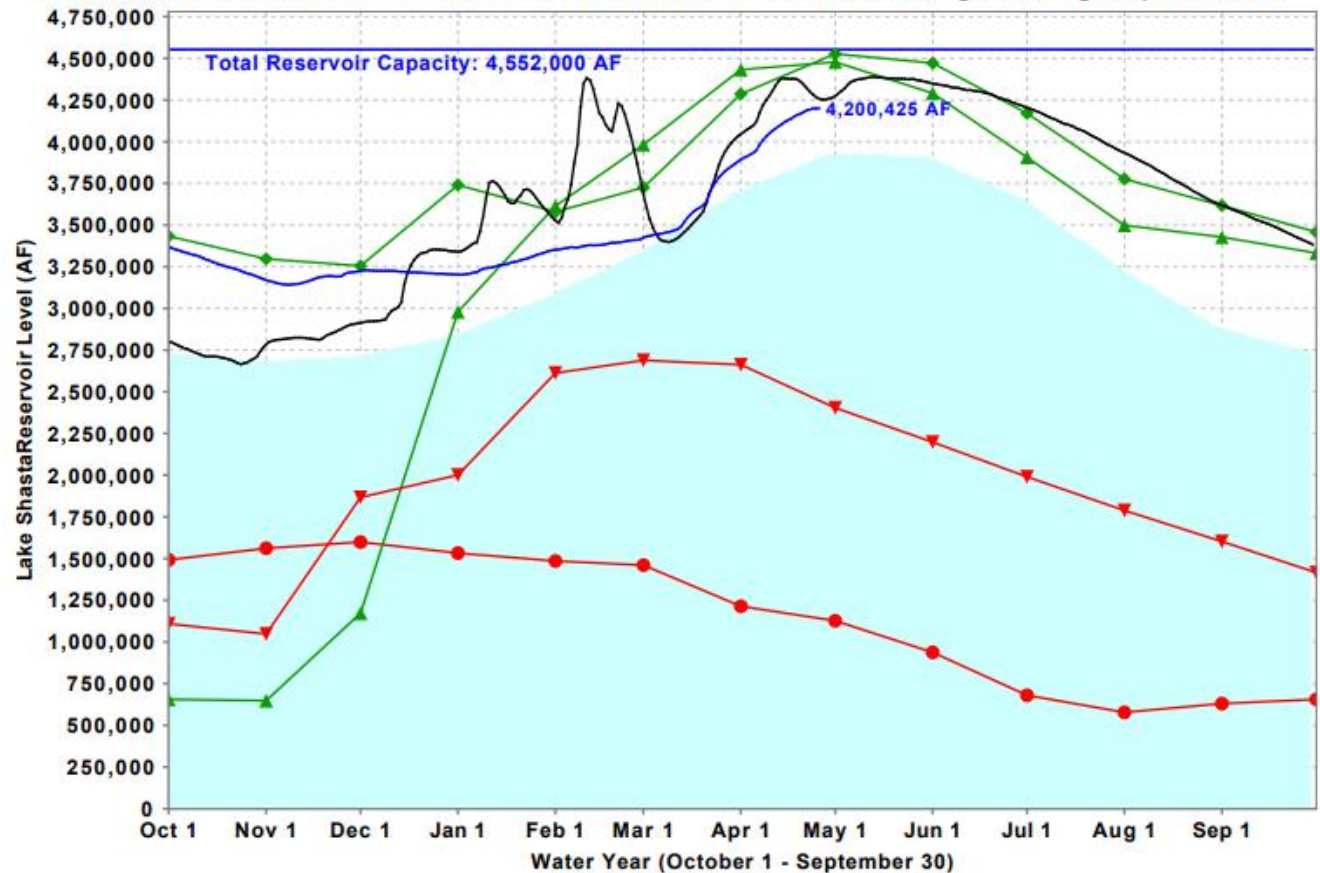
(as of Midnight - April 26, 2018)



Current Level: 4,200,425 AF

92% (Total Capacity) | 108% (Historical Avg.)

Lake Shasta Levels: Various Past Water Years and Current Water Year, Ending At Midnight April 26, 2018



Historical Average — Total Reservoir Capacity — 1976-1977 (Driest) — 1977-1978 — 1982-1983 (Wettest)
— 2016-2017 — 2014-2015 — Current: 2017-2018

Data Updated 04/27/2018 07:15 AM

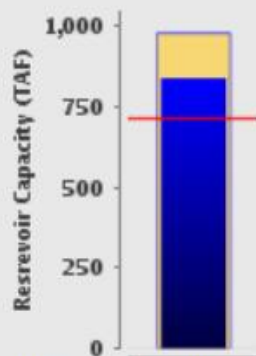


Reservoir Conditions - Folsom Lake



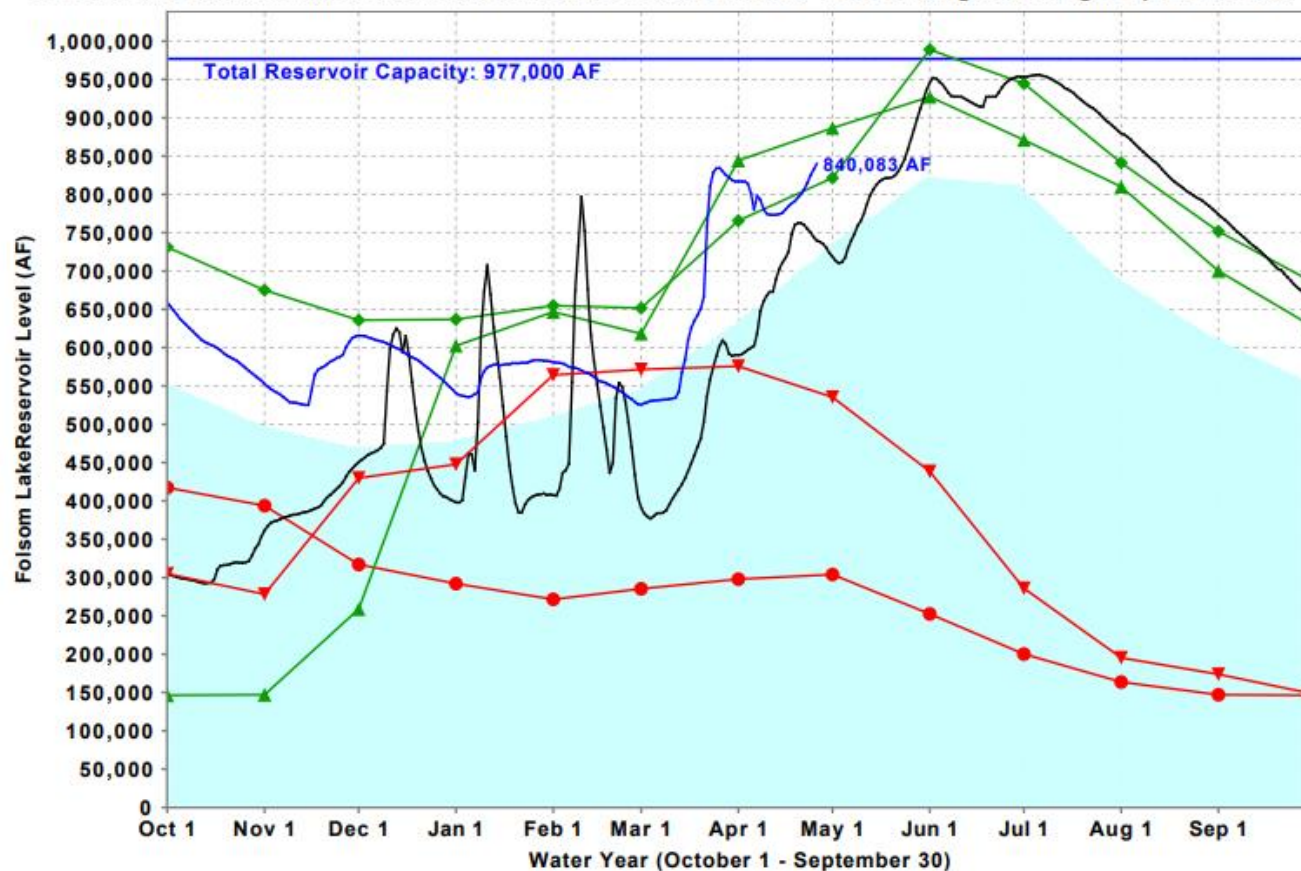
Folsom Lake Conditions

(as of Midnight - April 26, 2018)



86% (Total Capacity) | 117% (Historical Avg.)

Folsom Lake Levels: Various Past Water Years and Current Water Year, Ending At Midnight April 26, 2018



Historical Average — Total Reservoir Capacity — 1976-1977 (Driest) — 1977-1978 — 1982-1983 (Wettest)
— 2016-2017 — 2014-2015 — Current: 2017-2018

Data Updated 04/27/2018 07:15 AM

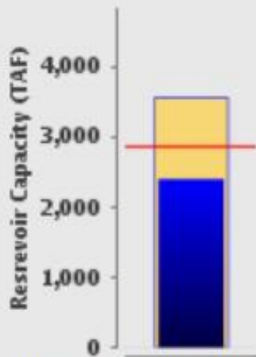


Reservoir Conditions - Lake Oroville



Lake Oroville Conditions

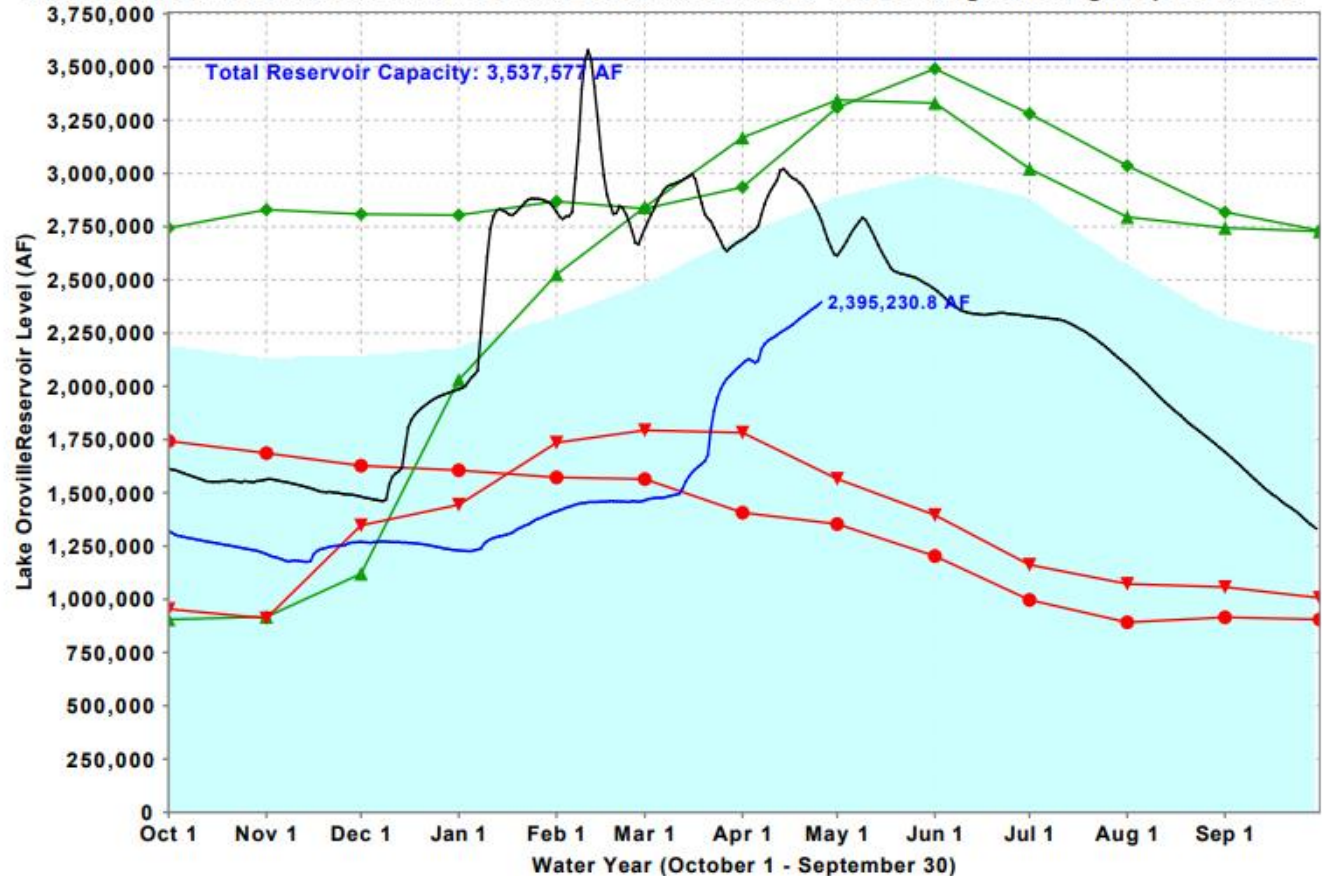
(as of Midnight - April 26, 2018)



Current Level: 2,395,230.8 AF

68% (Total Capacity) | 84% (Historical Avg.)

Lake Oroville Levels: Various Past Water Years and Current Water Year, Ending At Midnight April 26, 2018



Historical Average — Total Reservoir Capacity — 1976-1977 (Driest) — 1977-1978 — 1982-1983 (Wettest)
— 2016-2017 — 2014-2015 — Current: 2017-2018

Data Updated 04/27/2018 07:15 AM

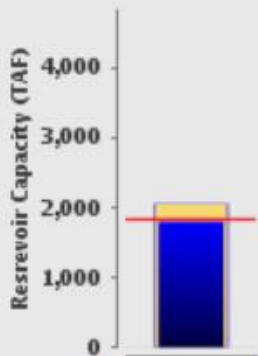


Reservoir Conditions - San Luis Res



San Luis Res Conditions

(as of Midnight - April 26, 2018)



Current Level: 1,792,193 AF

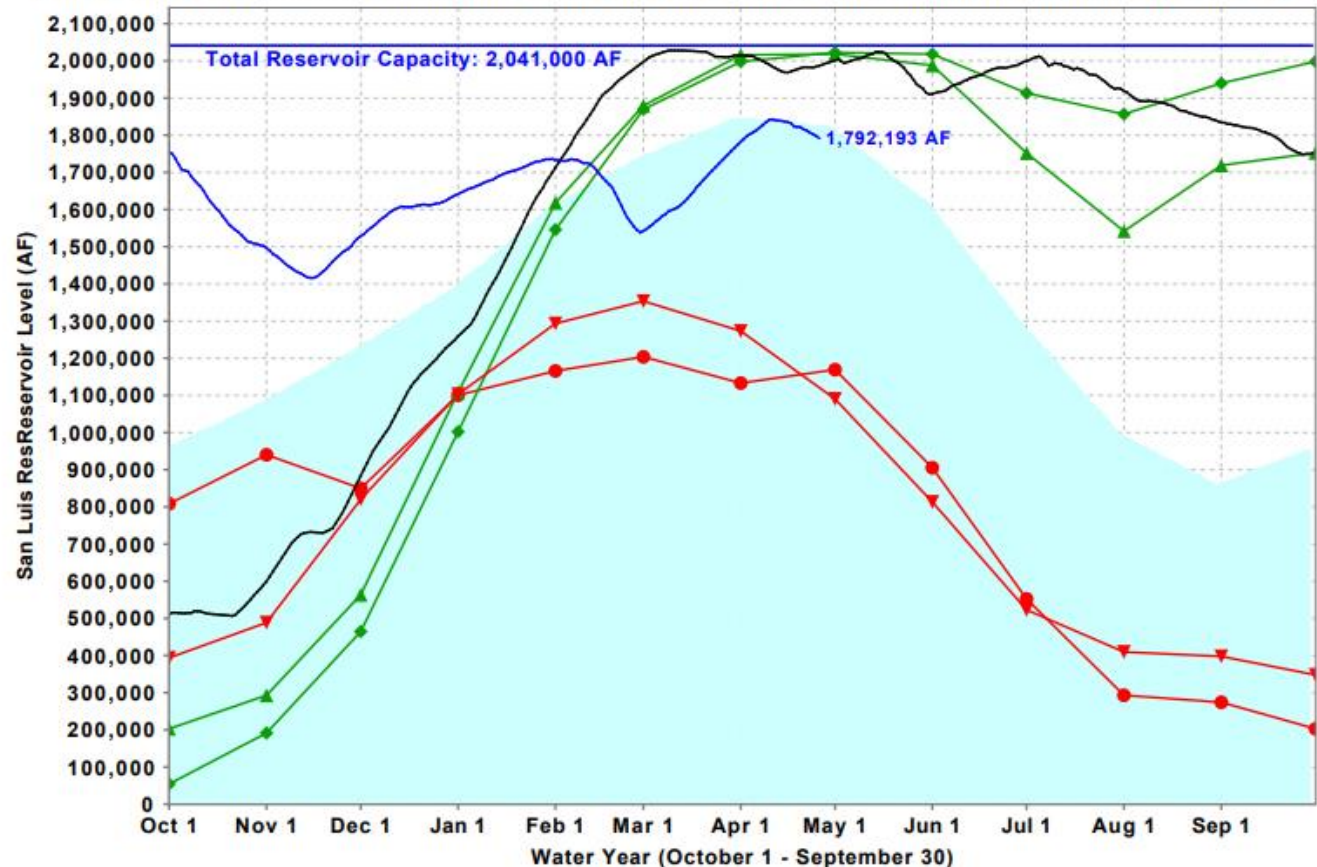
88%

(Total Capacity)

98%

(Historical Avg.)

San Luis Res Levels: Various Past Water Years and Current Water Year, Ending At Midnight April 26, 2018

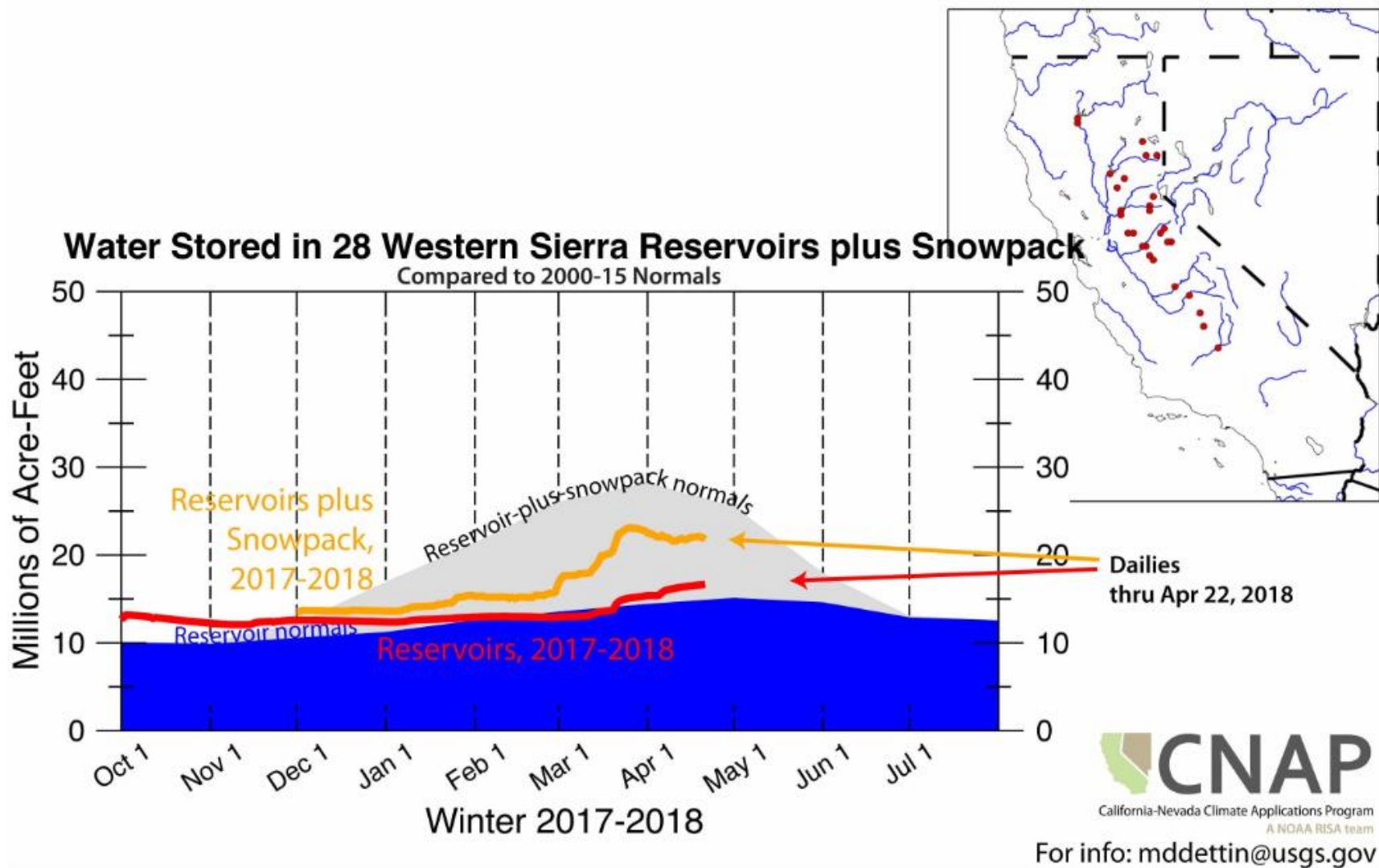


■ Historical Average
 — Total Reservoir Capacity
 ● 1976-1977
 ▲ 1977-1978
 ◆ 1982-1983 (Wettest)
 — 2016-2017
 ▼ 2014-2015 (Driest)
 — Current: 2017-2018

Data Updated 04/27/2018 07:15 AM

Other Reservoirs

- **Cachuma Reservoir:** 77,535 acre-feet full out of 205,000 acre-foot capacity (38% of capacity and 45% of average)
- **Diamond Valley Lake:** 720,824 acre-feet full out of 810,000 acre-foot capacity (89% of capacity)



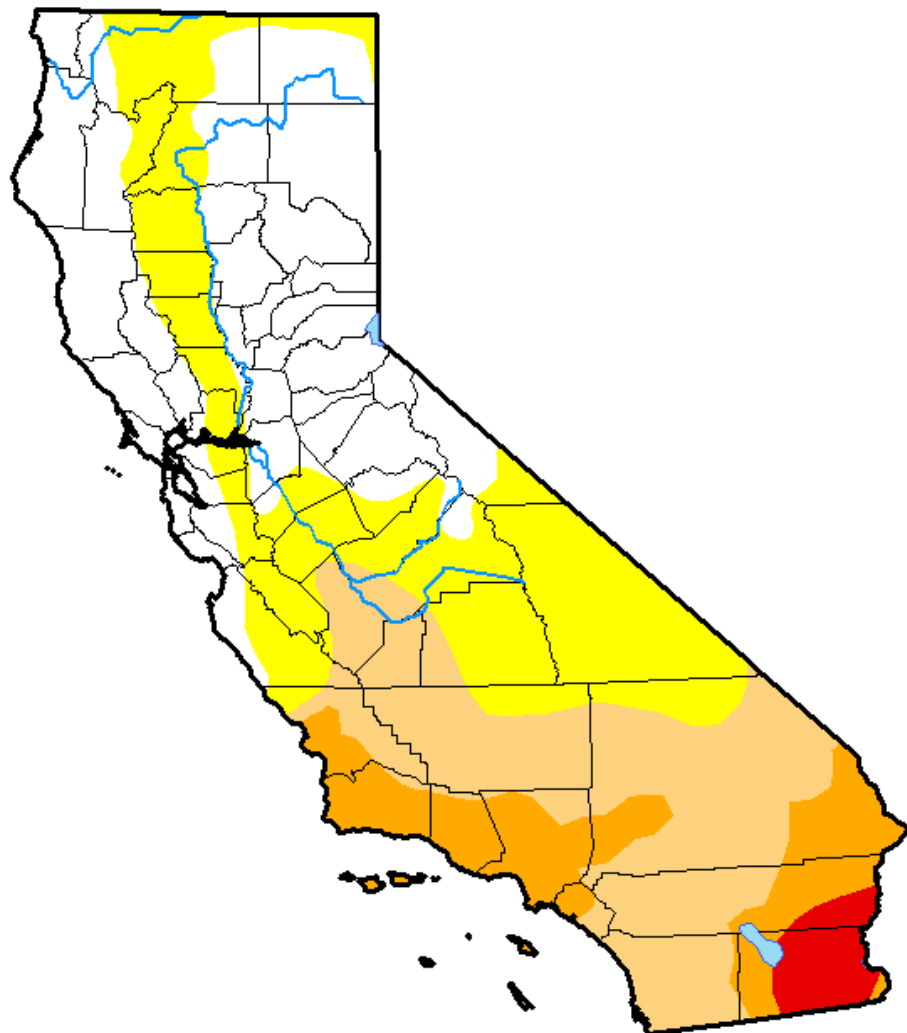
Source: <https://scripps.ucsd.edu/programs/cnap/water-storage-tracking-in-california/>

U.S. Drought Monitor California

April 24, 2018

(Released Thursday, Apr. 26, 2018)

Valid 8 a.m. EDT



Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	34.10	65.90	37.10	13.77	2.55	0.00
Last Week 04-17-2018	34.10	65.90	37.10	13.77	2.50	0.00
3 Months Ago 01-23-2018	45.48	54.52	12.69	0.00	0.00	0.00
Start of Calendar Year 01-02-2018	55.70	44.30	12.69	0.00	0.00	0.00
Start of Water Year 09-26-2017	77.88	22.12	8.24	0.00	0.00	0.00
One Year Ago 04-25-2017	76.54	23.46	8.24	1.06	0.00	0.00

Intensity:

D0 Abnormally Dry	D3 Extreme Drought
D1 Moderate Drought	D4 Exceptional Drought
D2 Severe Drought	

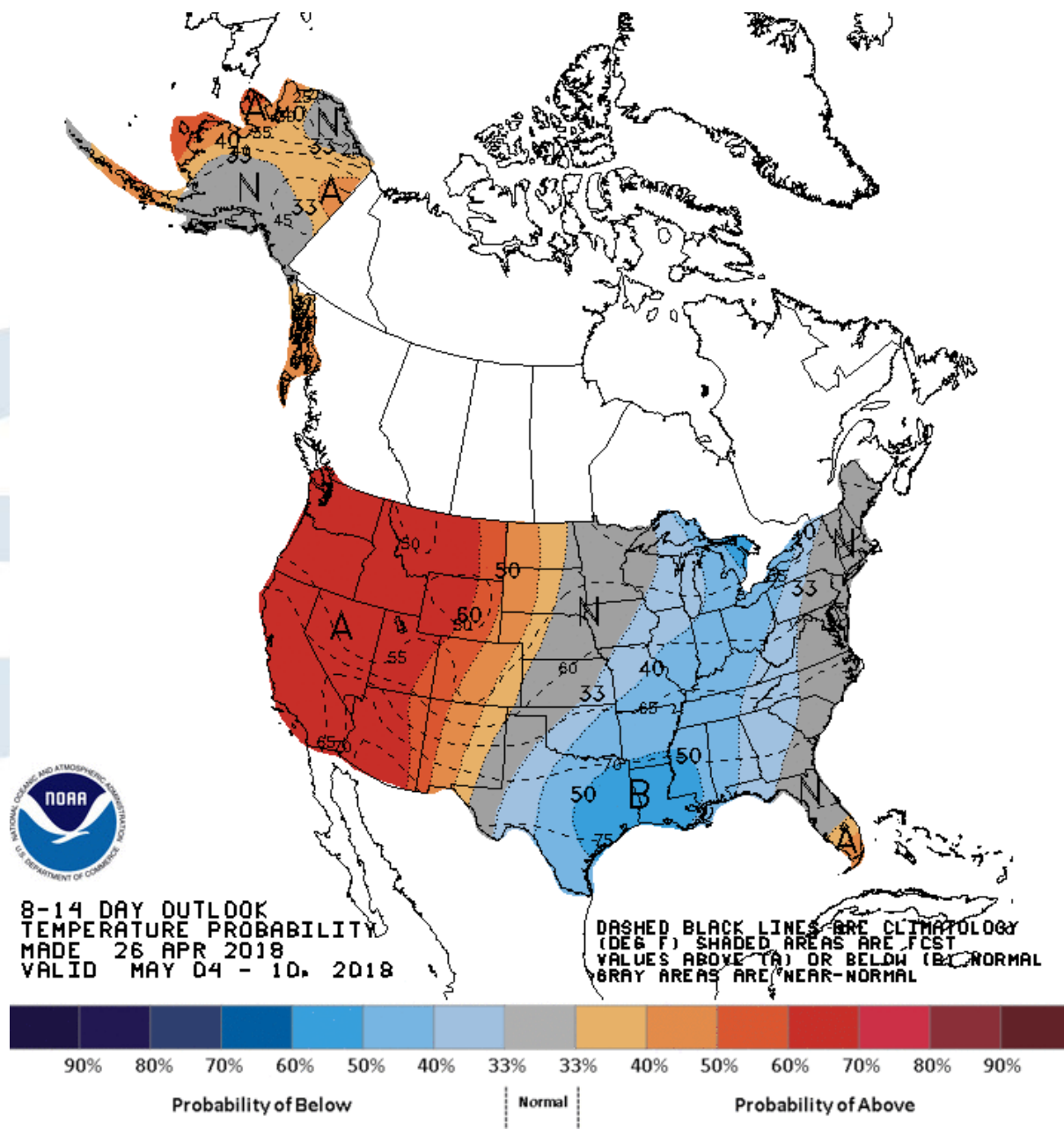
The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

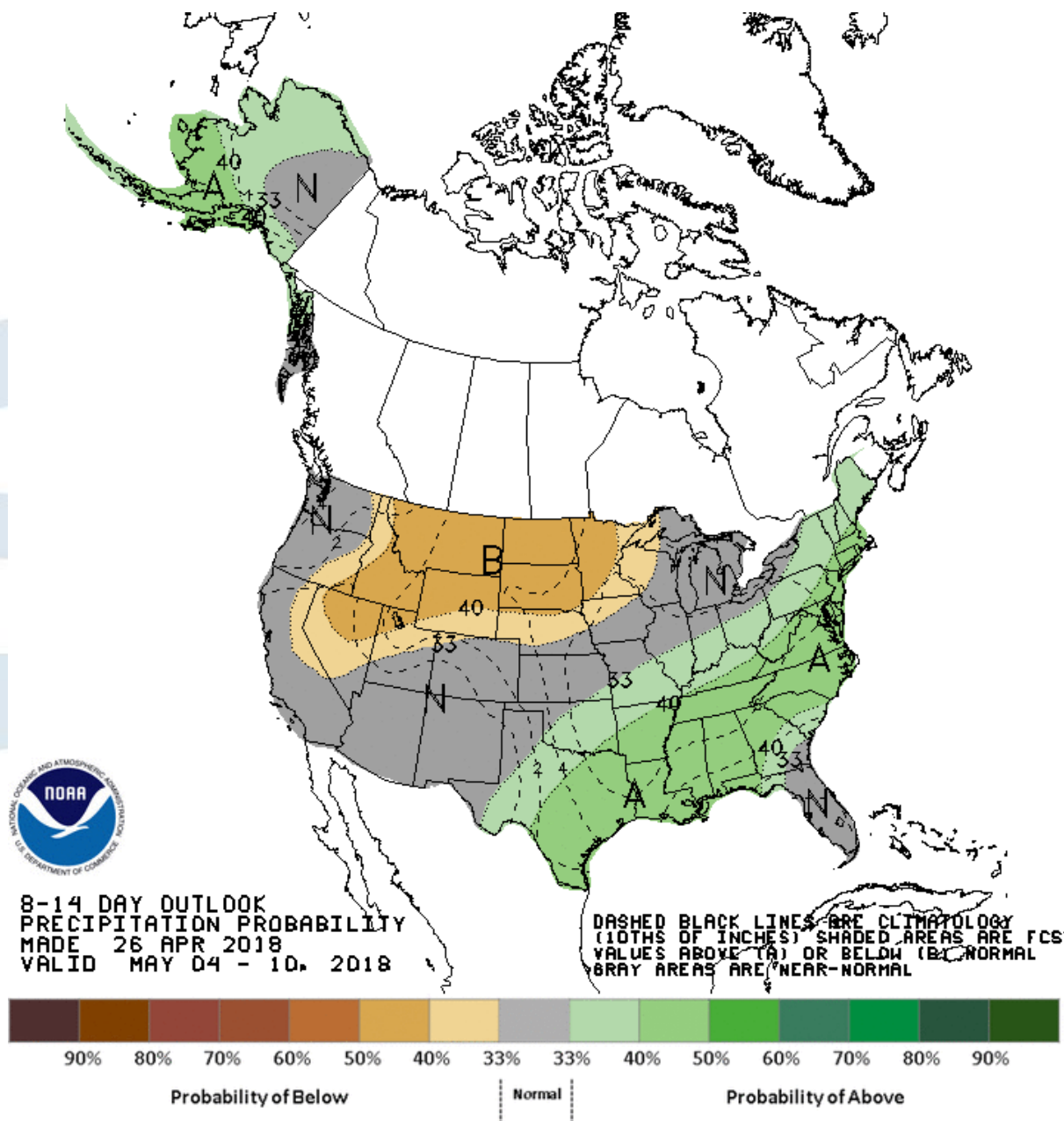
Author:

Brad Rippey
U.S. Department of Agriculture



<http://droughtmonitor.unl.edu/>





Three thick, wavy blue lines that flow from the left side of the image towards the right, creating a sense of movement and depth. They are positioned in the lower half of the frame, with the word 'Questions?' centered above them.

Questions?

Extra Slides

The slide features a white background with three thick, light blue wavy lines that sweep across the bottom half of the frame. The lines are smooth and fluid, creating a sense of movement. The text 'Extra Slides' is centered in the upper half of the slide, rendered in a bold, dark blue font.

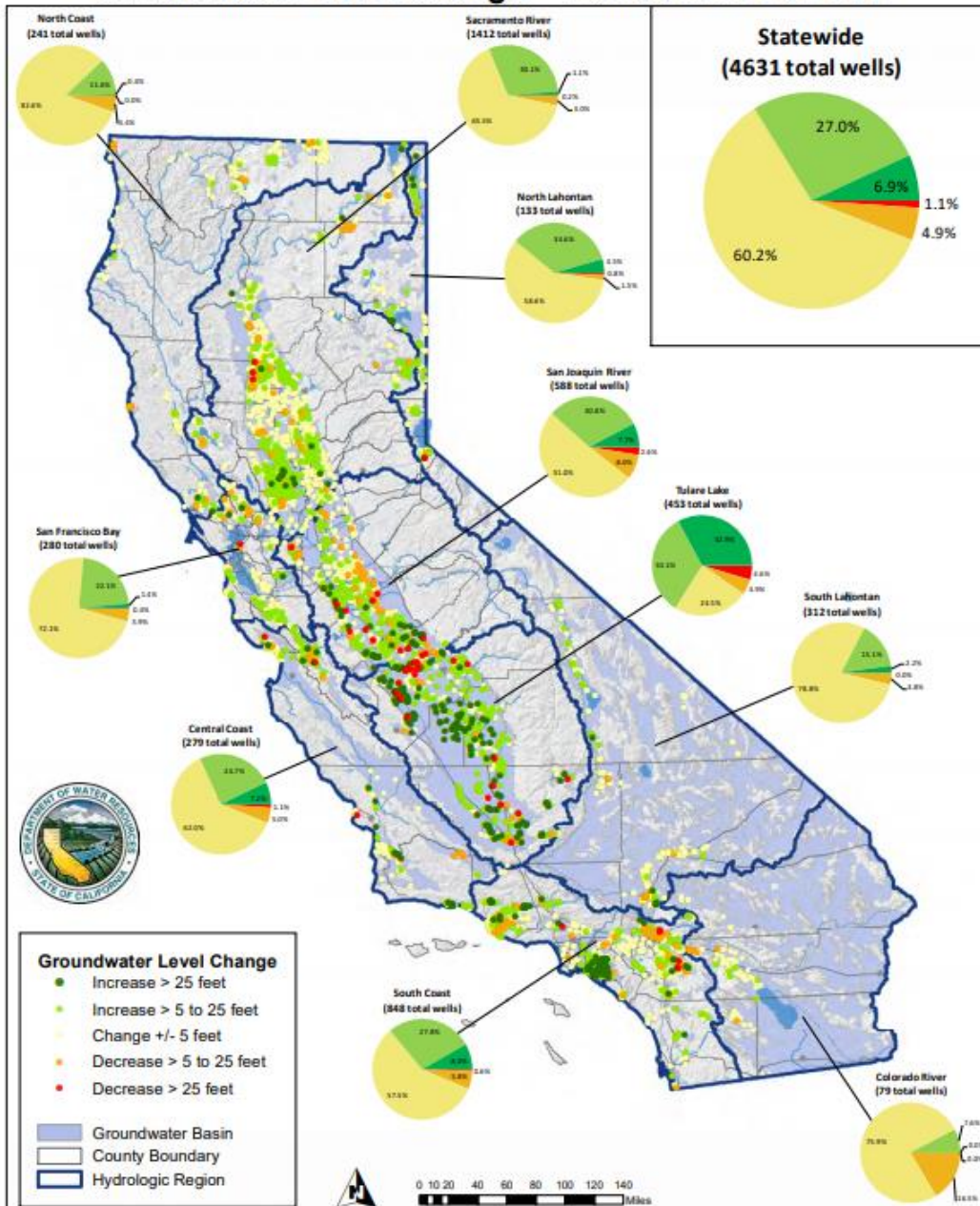
El Niño/La Niña

As of April 12, 2018, the National Oceanic and Atmospheric Administration (NOAA) predicts conditions are likely to be ENSO-neutral through summer. La Niña is barely hanging on, which means its influence on seasonal climate impacts in the U.S. is weakening.

Groundwater

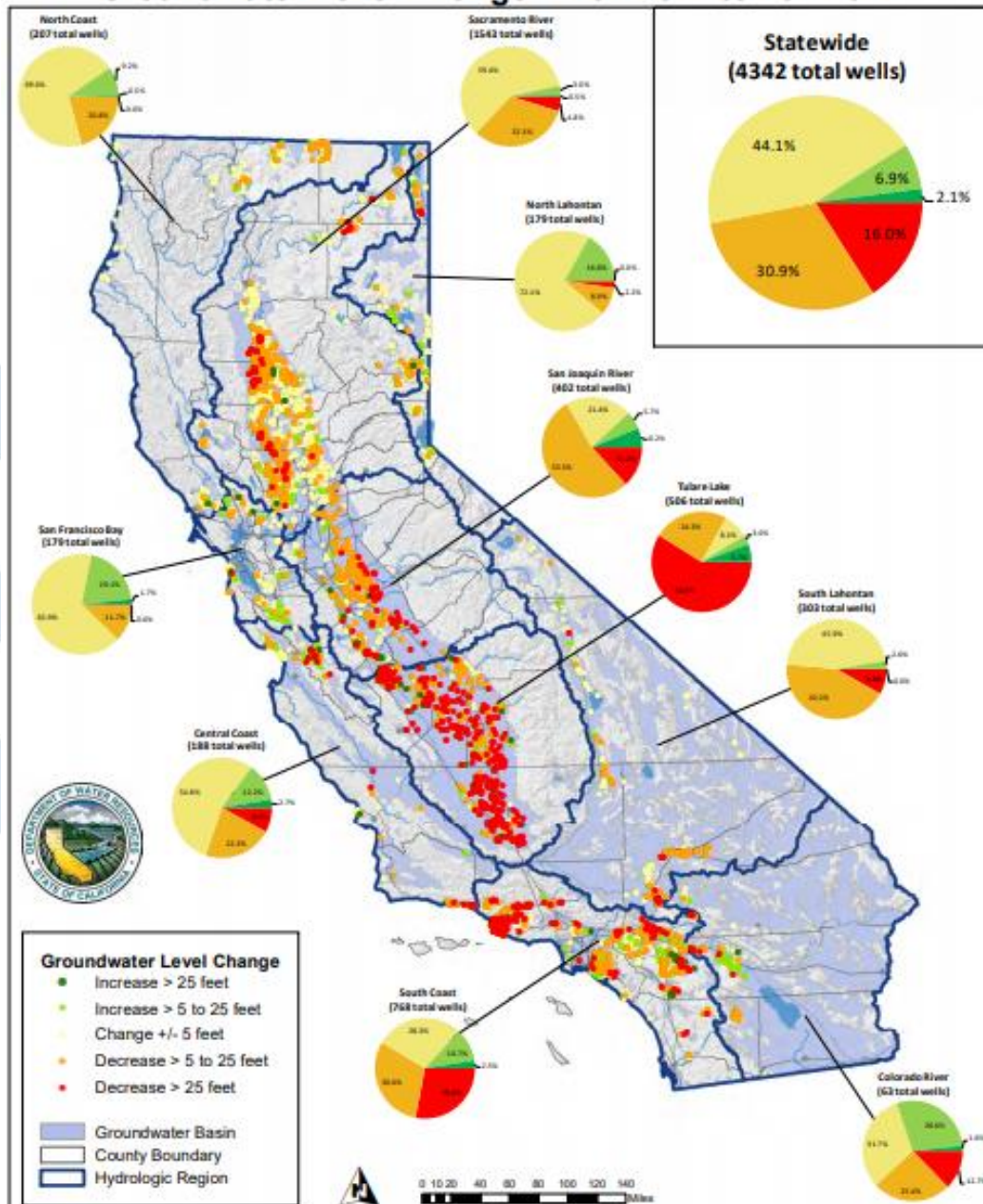
- DWR has updated groundwater data with information from Fall 2017

Groundwater Level Change* - Fall 2016 to Fall 2017



*Groundwater level change determined from water level measurements in wells. Map and chart based on available data from the DWR Water Data Library as of 02/21/2018. Document Name: PIEMAP_F1716_25ft
Updated: 2/26/2018. Data subject to change without notice.

Groundwater Level Change* - Fall 2011 to Fall 2017



*Groundwater level change determined from water level measurements in wells. Map and chart based on available data from the DWR Water Data Library as of 02/21/2018. Document Name: PIEMAP_F1711_25ft
Updated: 2/26/2018. Data subject to change without notice.